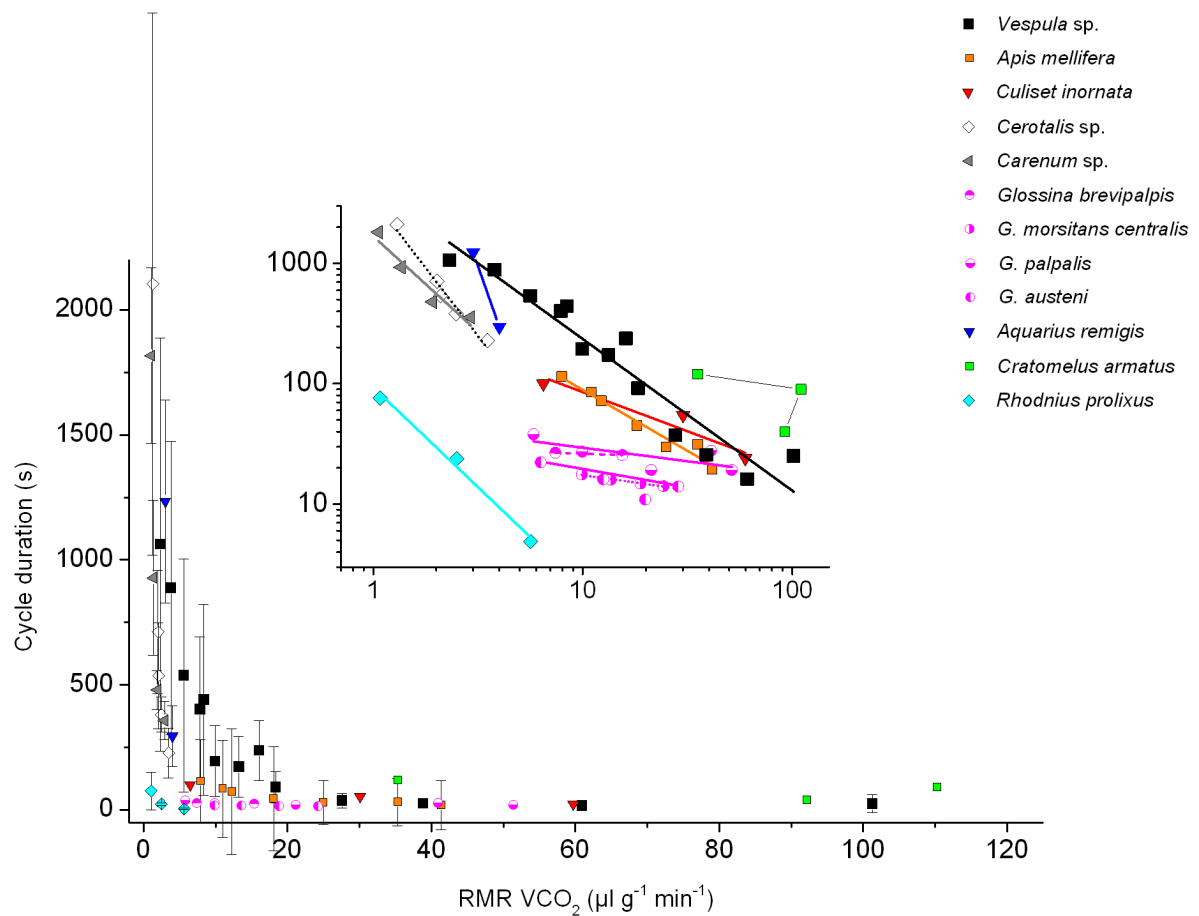


**Figure S7**

Supplementary material to Fig. 7. Respiration cycle duration as a function of resting metabolic rate (RMR,  $\text{CO}_2$  emission) of flying and non-flying insects. There is a trend in insects to raise  $\text{CO}_2$  emission via a decrease of cycle duration. The linear regressions in the inset indicate a higher order of dependence than simple exponential growth.